

Mid-Coast Implementation Ready TMDL

Bacteria Technical Working Group

Wednesday, December 12, 2012
Newport, Oregon

Overview of TWG Tasks

Advise LSAC and DEQ on development of Bacteria TMDL:

- TMDL Goal
 - Reduce in-stream bacteria to levels below WQS thresholds and protect beneficial uses
- TMDL Method
 - Identify water quality concerns
TWG feedback on load duration curves and existing conditions
 - Identify sources and conditions contributing to concerns
TWG feedback on source assessments
 - Link sources and conditions to water body
 - Calculate loads reductions to restore water quality

TWG Progress to Date (Accomplishments)

- Selected methods to for developing TMDLs for freshwater, estuaries, and beaches
- Hydrologic calibration of watershed model
- Developed source models for use in watershed modeling
- Identified initial estimates of parameter values for bacteria source modeling
- Estimated reductions for beach data
- DEQ and ODA staff met with Lincoln SWCD board members and local landowners in August

Current TWG Activities/Most Recent Meeting: *Meeting Objectives and Goals*

- Complete list of potential source categories for the Flow Zone Interpretation Matrix for use with Load Duration Curves
- Introduce model parameter estimation and uncertainty analysis theory and methods
- Review ways to present beach data and load reductions

Current TWG Activities/Most Recent Meeting:

Main Topics of Discussion - Summary/Highlights

- Selected potential source category list for the Flow Zone Interpretation Matrix
- Presented conceptual review of models and discussed the Big Elk Creek model parameter estimation and uncertainty analysis methods
- Reviewed the Newport beach bacteria example and discussed potential ways to group beach data

Current TWG Activities/Most Recent Meeting: *Meeting Outcomes and Actions*

- Revise the Flow Zone Interpretation Matrix and complete final draft for review by TWG
- Proceed with watershed modeling in Big Elk Creek and keep TWG informed of progress
- Create a sub-group from the TWG that will focus on the beaches

Questions/Suggestions/Input for the LSAC

- Are there any outreach opportunities where DEQ staff could discuss the Bacteria TMDL process and outcomes with local groups?